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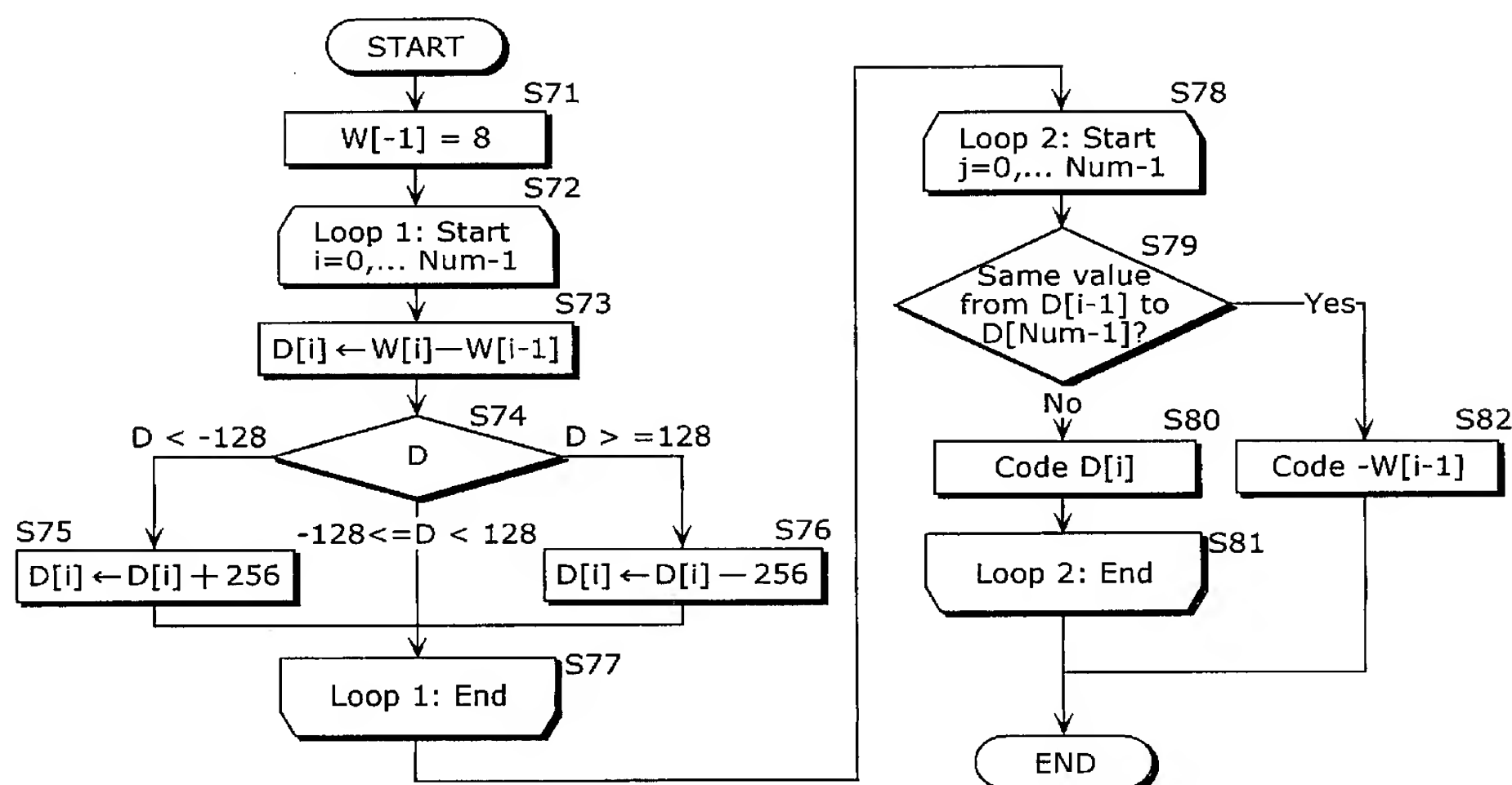
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(54) Title: PICTURE CODING METHOD, PICTURE DECODING METHOD, PICTURE CODING APPARATUS, PICTURE DECODING APPARATUS, AND PROGRAM THEREOF



(57) Abstract: The picture coding method according to the present invention is a picture coding method for coding a picture on a block-by-block basis through orthogonal transformation (Fig. 3, T) and quantization (Fig. 3, Q), and coding a quantization matrix (Fig. 2) that is used to derive quantization steps for frequencies of orthogonal transformation coefficients, the method comprising: calculating a difference value between each of frequency components included in the quantization matrix (Fig. 2) and a predetermined value corresponding to said each of the frequency components; and coding the difference value into a variable length code (Fig. 3, VLC), wherein a code length of the variable length code is shorter as the difference value is smaller, or equal to a code length of a neighboring difference value of said difference value (Fig. 4).

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